

BEST AVAILABLE COPY**POLYESTER COMPOSITION AND MOLDED ITEM PRODUCED THEREFROM**

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Abstract of JP9272793

PROBLEM TO BE SOLVED: To obtain a molded item improved in whiteness, opacity, and luster by kneading a phosphorus compd. with a polyester contg. inorg. particles and fine polyester particles.
SOLUTION: One (1)-90wt.% at least one phosphorus compd. selected from among phosphoric acid, phosphorous acid, phosphinic acid, phosphonic acid, and their esters is fed together with a polyester contg. 0.01wt.% or higher (based on the phosphorus compd.) inorg. particles having an average particle size of 0.01-20 μ m and fine polyester particles having a particle size of 8 mesh or lower (by JIS standard sieves) to a vented extruder to be kneaded, thus giving a polyester compsn. having a phosphorus content of 100ppm or higher. An unstretched sheet obtd. by melt extruding the compsn. is biaxially stretched two- to five-fold in the longitudinal and transverse directions and then thermally treated to give a molded item having a density of 1.40g/cm³ and a whiteness of 60% or higher.

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